1	1.(Currently Amended) A method of distributing image prints printed on a plurality
2	of printers to a plurality of recipients, the method comprising:
3	receiving an order specifying one or more a plurality of recipients and, for each specified
4	recipient, a set of one or more images associated with that recipient; and
5	for each recipient specified by the order, separating the images associated with the
6	recipient into at least one printable unit of images to generate a contiguous run of prints for the
7	recipient.
1	2.(Original) The method of claim 1 further comprising, for each printable unit,
2	selecting a printer on which to print the printable unit.
1	3. (Original) The method of claim 2 further comprising, for each printable unit, printing
2	at least one copy of each image in the printable unit on the selected printer.
1	4.(Original) The method of claim 1 wherein each image has associated print
2	parameters.
1	5.(Original) The method of claim 4 wherein the images in a printable unit of images
2	have print parameters that allow the printable unit to be continuously printed.
1	6. (Original) The method of claim 1 wherein images in a first recipient's image set
2	differ from images in a second recipient's image set.
1	7. (Original) The method of claim 4 wherein print parameters of a first recipient's
2	image set differ from print parameters of a second recipient's image set.
1	8. (Original) The method of claim 7 wherein print parameters include one or more of
1	· · ·
4	print size, number of copies, and/or print finish.

	(Additional) Who worked a feeling to add a major and a second different among imaging
1	9. (Original) The method of claim 1 wherein print parameters differ among images
2	within an image set.
1	10. (Original) The method of claim 9 wherein print parameters include one or more of
2	print size, number of copies, and/or print finish.
1	11. (Original) The method of claim 1 wherein each image set comprises an arbitrary
2	grouping of images designated by a user.
1	12.(Original) The method of claim 1 further comprising, for each recipient, separating
2	the images associated with the recipient into one or more sub-orders.
1	13.(Original) The method of claim 12 wherein separating the images associated with the
2	recipient into at least one printable unit of images includes, for each sub-order, separating the
3	images associated with the sub-order into one or more sub-batches, each sub-batch representing
4	printable unit.
1	14.(Original) The method of claim 13 wherein the images in a sub-batch have print
2	parameters that allow the sub-batch to be continuously printed.
1	15 (Original) The method of claim 13 wherein a plurality of orders is received, the
2	images associated with each recipient specified in each order are divided into at least one sub-
3	order, and each sub-order is divided into at least one sub-batch.
]	16.(Original) The method of claim 15 further comprising assembling at least one batch
2	including one or more sub-batches, wherein each sub-batch can be continuously printed on the
3	same type of printer.
1	17 (Original) The method of claim 16 wherein the images in a hatch have print

parameters that allow the batch to be continuously printed.

	16.(Original) Fire Metalod of Chain 16 wherein the at least one calon metales sho
2	batches from two or more different sub-orders.
1	19.(Original) The method of claim 16 further comprising scheduling the batches to be
2	printed in a predetermined ordering.
1	20.(Original) The method of claim 19 wherein each order includes image data and
2	control data
_	
1	21.(Original) The method of claim 20 wherein the control data includes at least one of
2	print parameters, user contact information, recipient information, payment information, and
3	message information.
_	
1	22.(Original) The method of claim 21 wherein the image data includes pixel data for the
2	images in the order.
1	23.(Original) The method of claim 22 wherein the control data is used to control the
2	printing of the images.
1	24.(Original) The method of claim 20 further comprising, before printing each image:
2	correcting the image data for that image using information including the control data; and
3	calibrating the image data using information including the control data and at least one
4	characteristic of the printer on which the image is to be printed.
•	or the printer on which the mage is to be printed.
1	25.(Original) The method of claim 20 further comprising, for each batch, storing the
2	
_	image data for the batch in a cache that is local to the selected printer for that batch.
1	26.(Original) The method of claim 25 further comprising, for each batch, placing the
2	control data for the batch in a queue associated with the selected printer for that batch.

1	27.(Original) 'The method of claim 26 further comprising, for each batch that is placed
2	in a queue, sending the image data associated with the images included in that batch to an image
3	processor associated with the selected printer for that batch.
1	28.(Original) The method of claim 27 wherein, for each batch that is placed in a queue,
2	sending the image data for that batch to the image processor associated with that queue before
3	the batch reaches the front of the queue.
1	29.(Original) The method of claim 1 further comprising verifying that an image print
2	was printed with the correct image.
1	30.(Original) The method of claim 1 further comprising checking the quality of the
2	image print.
1	31.(Original) The method of claim 13 further comprising:
2	combining the image prints from at least two sub-batches from the same sub-order; and
3	distributing the combined image prints to the recipient associated with the at least two
4	sub-orders.
1	32. (Original) The method of claim 1 further comprising printing a destination identifies
2	print that identifies the specified recipient for a corresponding sub-batch of image prints.
1	33. (Original) The method of claim 32 wherein the destination identifier print delimits
2	the corresponding sub-batch.
l	34. (Original) The method of claim 32 wherein printing the destination identifier print
2	comprises printing one or more of the following items: a shipping address, a recipient's name, a
3	print index, a bar code, a textual message and/or print re-ordering information.
1	35. (Currently Amended) A method of generating physical manifestations of digital

content on a plurality of output devices, the method comprising:

3	receiving an order specifying one or more a plurality of recipients and, for each specified
4	recipient, a set of digital content associated with that recipient;
5	for each recipient specified by the order, separating the digital content associated with the
6	recipient into at least one generatable unit of digital content having a contiguous run of prints for
7	the recipient; and
8	for each generatable unit of digital content, generating a physical manifestation of the
9	unit of digital content.
1	36.(Original) The method of claim 35 further comprising, for each generatable unit of
2	digital content, selecting an output device on which to generate a physical manifestation of the
3	unit of digital content.
1	37.(Original) The method of claim 36 wherein each generatable unit of digital content is
2	generated on the output device selected for that generatable unit.
1	38.(Original) The method of claim 35 further comprising distributing the physical
2	manifestations to their respective recipients.
1	39. (Original) The method of claim 35 wherein a set of digital content comprises one or
2	more digital images.
1	40. (Original) The method of claim 39 wherein the physical manifestation of the set of
2	digital content comprises photographic prints of the one or more digital images.
1	41.(Original) The method of claim 40 wherein the images in a generatable unit of
2	images have generation parameters that allow the generatable unit to be continuously generated.
1	42.(Original) The method of claim 41 wherein the print parameters include one or more
2	of print size, number of copies, and/or print finish.
1	43.(Currently Amended) A print distribution system comprising:

2	a plurality of printers;
3	a front-end computer sub-system for receiving an order specifying one or more a plurality
4	of recipients and, for each specified recipient, a set of one or more images associated with that
5	recipient; and
6	a scheduler, connected to the front-end computer sub-system and the plurality of printers,
7	that for each recipient specified by the order (a) separates the images associated with the
8	recipient into at least one printable unit of images to generate a contiguous run of prints for the
9	recipient, and (b) designates a printer on which each printable unit is to be printed.
1	44.(Original) The system of claim 43 wherein each image has associated print
2	parameters.
1	45.(Original) The system of claim 44 wherein the images in a printable unit of images
2	have print parameters that allow the printable unit to be continuously printed.
1	46. (Original) The system of claim 43 wherein images in a first recipient's image set
2	differ from images in a second recipient's image set.
1	47. (Original) The system of claim 43 wherein print parameters of a first recipient's
2	image set differ from print parameters of a second recipient's image set.
1	48. (Original) The system of claim 47 wherein print parameters include one or more of
2	print size, number of copies, and/or print finish.
1	49. (Original) The system of claim 47 wherein print parameters differ among images
2	within an image set.

print size, number of copies, and/or print finish.

50. (Original) The system of claim 49 wherein print parameters include one or more of

1	51. (Original) The system of claim 43 wherein each image set comprises an arbitrary
2	grouping of images designated by a user.
1	52.(Original) The system of claim 43 wherein the scheduler:
2	for each recipient, separates the images associated with the recipient into one or more
3	sub-orders; and
4	for each sub-order, separates the images associated with the sub-order into one or more
5	sub-batches, each sub-batch representing a printable unit.
1	53.(Original) The system of claim 52 wherein:
2	the front-end computer sub-system receives a plurality of orders; and
3	the scheduler, for each recipient, separates each order into one or more sub-orders and,
4	for each sub-order, separates each sub-order into one or more sub-batches.
ı	54.(Original) The system of claim 53 wherein the scheduler assembles at least one bate
2	including one or more sub-batches, wherein each sub-batch can be continuously printed on the
3	same type of printer.
1	55.(Original) The system of claim 54 wherein the scheduler schedules the batches to be
2	printed in a predetermined ordering.
1	56.(Original) The system of claim 55 wherein the scheduler uses a global scheduling
2	algorithm.
1	57.(Original) The system of claim 55 wherein the scheduler uses a just-in-time
2	scheduling algorithm.
1	58.(Original) The system of claim 55 further comprising a plurality of line controllers,
2	each line controller being associated with a printer and having a queue for storing the batches
2	each line controller being associated with a printer and having a queue for storing the batch

until they are printed by the printer.

1	59.(Original) The system of claim 58 wherein each order includes image data and
2	control data.
1	60.(Original) The system of claim 59 wherein the control data includes at least one of
2	print parameters, user contact information, recipient information, payment information, and
3	message information.
1	61.(Original) The system of claim 60 wherein the image data includes pixel data for the
2	images in the order.
1	62.(Original) The system of claim 61 further comprising an image cache local to the
2	scheduler for caching the image data.
1	63.(Original) The system of claim 58 further comprising an image processor associated
2	with at least one of the line controllers for processing the image data and at least a portion of the
3	control data prior to printing the image.
1	64.(Original) The system of claim 63 wherein the image processor further comprises
2	image processor software in a computer-readable medium comprising instructions for causing
3	the image processor to perform the following operations:
4	correct the image data using information including the control data; and
5	calibrate the image data using information including the control data and at least one
6	characteristic of the designated printer.
1	65.(Original) The system of claim 64 wherein the image processor software further
2	comprises instructions for causing the image processor to generate a destination identifier image
3	wherein the destination identifier image can be used to print a destination identifier print that
4	identifies the specified recipient for a corresponding sub-batch of image prints and is generated

from at least the sub-batch's control data.

1	66.(Original) The system of claim 65 wherein the destination identifier image for each
2	sub-batch is generated from the sub-batch's control data and image data.
1	67.(Original) The system of claim 64 wherein the image cache includes software in a
2	computer-readable medium comprising instructions for causing the image cache to perform the
3	following operation:
4	in response to a message from the scheduler indicating that the scheduler has sent control
5	data for a batch to the line controller, send the image data for that batch to the image processor
6	associated with that queue.
1	68.(Original) The system of claim 43 further comprising a backprinter for backprinting
2	at least one image print.
1	69.(Original) The system of claim 68 wherein the backprinter backprints non-image
2	information on each image print.
1	70.(Original) The system of claim 69 wherein the non-image information includes at
2	least one of an image number associated with the image, a printable unit number associated with
3	the printable unit from which the image print was printed, reorder information, a bar code, and a
4	message.
1	71.(Original) The system of claim 70 wherein the message is an advertisement.
1	72.(Original) The system of claim 71 wherein the bar code encodes at least one of an
2	audio message, the image number associated with the image, and the printable unit number
3	associated with the printable unit from which the image print was printed.
1	73.(Original) The system of claim 59 further comprising a digital camera for capturing
2	data about at least one of the image prints.

74.(Original) The system of claim 73 wherein the camera is a low-resolution camera.

75.(Original) The system of claim 73 wherein the captured data is used to verify that the 1 2 an image print was printed with the correct image data. 76.(Original) The system of claim 73 wherein the captured data is used to check the 1 2 quality of the image print. 77.(Original) The system of claim 43 further comprising an inverter that inverts each 1 2 image print prior to backprinting. 78.(Original) The system of claim 77 further comprising a curl reduction equipment that 1 2 reduces curling of the image print prior to backprinting. 79.(Original) The system of claim 78 wherein the curl-reduction equipment uses suction 1 2 to reduce curling of the image print. 1 80.(Original) The system of claim 79 wherein the curling-reduction equipment device 2 includes a vacuum table. i 81.(Original) The system of claim 77 further comprising an alignment device that aligns 2 each image print prior to backprinting. 1 82.(Original) The system of claim 81 wherein the alignment device includes: 2 an alignment wall against which each image print is to be aligned prior to backprinting; 3 and 4 a skew conveyor that receives each image print after the image print has been printed and 5 moves the image print towards the alignment wall as the skew conveyor conveys the image print to the backprinter. 1 83.(Original) The system of claim 82 further comprising an alignment sensor positioned 2 laterally inward from the alignment wall that detects whether a portion of the image print is

positioned immediately beneath the alignment sensor.

conveyor.

1	84.(Original) The system of claim 83 wherein the alignment sensor is a photosensor that
2	optically senses the presence of the image print.
1	85.(Original) The system of claim 43 further comprising a conveyor on which image
2	prints are stacked after printing.
1	86.(Original) The system of claim 85 further comprising a controller, connected to the
2	conveyor, that advances the conveyor so that a new stack can be stacked after all the image prints
3	in a printable unit have been stacked on the conveyor.
1	87.(Original) The system of claim 86 further comprising a plurality of bins, positioned
2	on the conveyor, so that the image prints for a printable unit are stacked in a bin.
1	88.(Original) The system of claim 87 wherein the bin comprises:
2	a base for supporting the bin when the bin is placed on a surface of the conveyor;
3	a first bottom wall connected to the base so that the first wall has a pitch incline with
4	respect to the surface of the conveyor; and
5	a second bottom wall connected to a first end of the first wall at one end, the second wall
6	and first wall forming an angle so that image prints received in the bin tend to stack on the first
7	bottom wall with an edge of each image print registering with the second bottom wall.
1	89.(Original) The system of claim 52 further comprising a storage device in which one
2	or more sub-batches can be stored for later combination with other sub-batches.
ı	90. (Canceled) An alignment device used for aligning image prints, the alignment device
2	comprising:
3	an alignment wall against which each image print is to be aligned; and
4	a skew conveyor that receives each image print after the image print has been printed and
5	moves the image print towards the alignment wall as the image print is conveyed along the skew

1	91. (Canceled) The alignment device of claim 90 further comprising an alignment sensor
2	positioned laterally inward from the alignment wall that detects whether a portion of the image
3	print is positioned immediately beneath the alignment sensor.
	00 (0 1 Nm
1	92. (Canceled) The system of claim 91 wherein the alignment sensor is a photosensor that
2	optically senses the presence of the image print.
1	93. (Canceled) A bin for collecting image prints comprising:
2	a base for supporting the bin when the bin is placed on a surface;
3	a first bottom wall connected to the base so that the first wall has a pitch incline with
4	respect to the surface; and
5	a second bottom wall connected to a first end of the first wall at one end, the second wall
6	and first wall forming an angle so that image prints received in the bin tend to stack on the first
7	bottom wall with an edge of each image print registering with the second bottom wall.
1	94. (Canceled) The bin of claim 93 wherein the first bottom wall has an access notch
2	formed therein that provides access to any image prints stacked in the bin.
1	95. (Canceled) The bin of claim 93 further comprising a side wall mounted to a side edge
2	of the first and second bottoms walls.
1	96. (Canceled) The bin of claim 95 wherein the first bottom wall has a roll incline with
2	respect to the surface so that image prints received in the bin tend to stack on the first bottom
3	wall with an edge of each image print registering with the second bottom wall.
1	97. (Canceled) A method of tracking an order specifying a plurality of recipients and, for
2	each specified recipient, a sub-order of one or more images associated with that recipient,
3	wherein each image is to be printed, packaged, and shipped, the method comprising:
4	indicating that the image is in a first state when the order with which the image is
4 E	associated has been received from a very

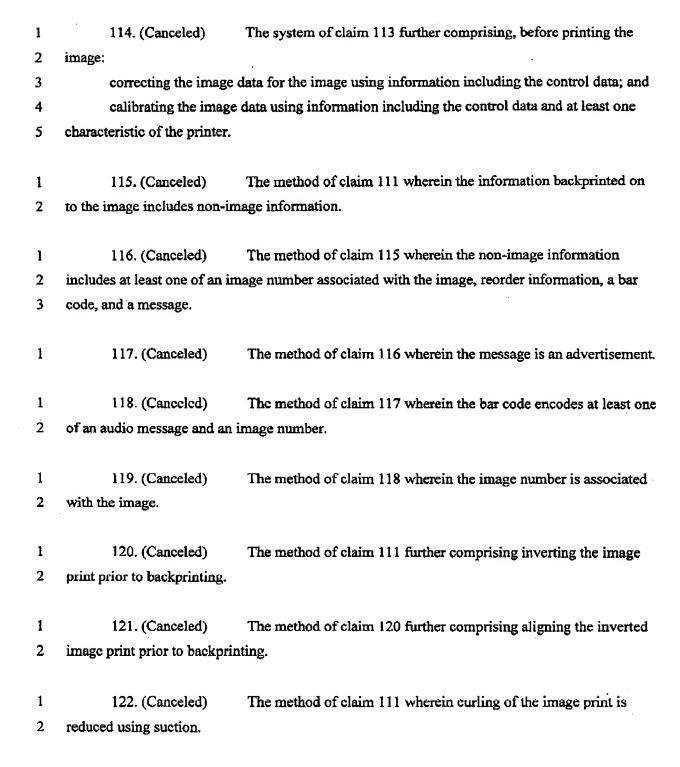
indicating that the image is in a second state when the image is being processed;

7	indicating that the image is in a third state when an image print created from the image
8	has been packaged; and
9	indicating that the image is in a fourth state when the image print has been shipped.
1	98. (Canceled) The method of claim 97 further comprising indicating that the image is in
2	a fifth state if the image is stored.
1	99. (Canceled) The method of claim 98, wherein the first state is an entered state, the
2	second state is a processing state, the third state is a packaged state, the fourth state is a shipped
3	state, and the fifth state is a stored state.
1	100. (Canceled) The method of claim 97, further comprising, if an error is detected
2	while the image is in the second state and before the image is in the third state, reprinting the
3	image.
1	101. (Canceled) A method of checking an image print that was printed from an
2	image stored in an electronic file, the method comprising:
3	generating a first image signature based on the electronic file;
4	generating a second image signature based on the image print; and
5	signaling an error if a predetermined criterion that is a function of the first and second
6	signatures is met.
1	102. (Canceled) The method of claim 101 wherein generating the first image
2	signature includes sampling the electronic file to create a lower-resolution image based on the
3	image.
1	103. (Canceled) The method of claim 102 wherein generating the second image
2	signature includes taking a picture of the printed image.
1	104. (Canceled) The method of claim 102 wherein the Haar feature-recognition
2	algorithm is used to determine if the predetermined criterion is met.

105. (Canceled) The method of claim 103 wherein the pictures are taken at substantially

1

2 the same resolution as the lower-resolution image. 1 106. (Canceled) The method of claim 105 wherein the lower-resolution image and 2 the picture each comprise a plurality of pixels. 107. (Canceled) I The method of claim 106 further comprising signaling a second 2 error if a predetermined number of pixels in the lower-resolution image do not match 3 corresponding pixels in the picture. 1 108. (Canceled) The method of claim 101 wherein the predetermined criterion is 2 that the first and second signatures correlate within a predetermined tolerance. 1 109. (Canceled) The method of claim 101 wherein checking comprises confirming 2 that the image prints are printed in the correct order. i 110. (Canceled) The method of claim 101 wherein checking comprises examining 2 the quality of the image prints. 1 Ill. (Canceled) A method of generating an image print from an image, the method 2 comprising: 3 receiving an image; 4 printing the image to generate an image print; 5 reducing curling of the image print; and 6 backprinting information on the back of the image print. 1 112. (Canceled) The method of claim 111 wherein the image includes image data 2 and control data. 1 113. (Canceled) The method of claim 111 wherein the image is printed on a printer.



123. (Canceled)

The method of claim 122 wherein curling of the image print is

2	reduced using a vacuum table.		
1	1 124. (Canceled) The method of claim 121 further comprising verifying	g that an	
2	image print was printed with the correct image.		
1	1 125. (Canceled) The method of claim 111 further comprising checking	g the quality	
2	of the image print.		
1	1 126. (Canceled) A print system for printing images, the system compr	ising:	
2	a front-end computer sub-system that receives an order specifying one or more images		
3	and one or more recipients;		
4	a printer sub-system, connected to the front-end computer sub-system, that prints image		
5	prints from the images in the order;		
6	a packaging sub-system that receives image prints from the printer sub-system and		
7	packages the image prints for shipment to the order's recipient; and		
8	a shipping sub-system that receives the packaged image prints from the packaging sub-		
9	system and ships the packaged image prints to the order's recipient;		
10	wherein the images are processed automatically by the front-end sub-system, the printer		
11	sub-system, the packaging sub-system, and the shipping sub-system.		
1	1 127. (Canceled) A method of distributing image prints comprising:		
2	2 receiving set of one or more image prints, the set having one or more associ	ated	
3	3 recipients;	•	
4	indicating which type of packaging material is to be used to package the set of image		
5	prints based on information printed on at least one of the image prints in the set of image prints;		
6	6 and		
7	7 indicating which method of shipping is to be used to ship the set of image p	rints based on	

information printed on at least one of the image prints in the set of image prints.

1	128. (Canceled)	The method of claim 127 further comprising packaging the set of	
2	image prints using the indicated type of packaging material.		
1	129. (Canceled)	The method of claim 127 further comprising shipping the set of	
2	image prints using the indicated shipping method.		
	120 (Compaled)	The method of claim 127 wherein indicating which type of	
1	130. (Canceled)		
2	packaging material is to be used includes lighting a light associated with the indicated type of		
3	packaging material.		
1	131. (Canceled)	The method of claim 127 wherein indicating which shipping	
2	method is to be used includes lighting a light associated with the indicated shipping method.		
1	132. (Canceled)	The method of claim 127 wherein the information printed on at	
2	least one image print includes a bar code.		
1	133. (Canceled)	The method of claim 132 further comprising reading the bar code	
2	printed on at least one image print.		
1	134. (Canceled)	The method of claim 133 wherein the type of packaging material	
2	`	et of image prints is indicated based on the bar code.	
	1 0		
1	135. (Canceled)	The method of claim 133 wherein the method of shipping to be	
2	used is indicated based on	the bar code.	
		•	
1	136. (Canceled)	A packaging system comprising:	
2	a plurality of packa	ging bins for storing image print packaging material;	
3	a plurality of visual indicators, wherein each packaging bin is associated with at least or		
4	visual indicator, wherein the visual indicators associated with the packaging bins are used to		
5	indicate in which packaging bin the packaging material for a set of image prints is stored.		

The system of claim 136 further comprising a plurality of shipping 137. (Canceled) 1 bins for storing packaged image prints, wherein each shipping bin is associated with at least one 2 visual indicator and at least one shipping method; and wherein the visual indicators indicate in 3 which shipping bin a packaged set of image prints should be stored for subsequent shipping by 4 the shipping method associated with the indicated shipping bin. 5 The system of claim 137 wherein the visual indictors are used to 1 138. (Canceled) sort the packaged image prints by method of shipping. 2 The system of claim 137 wherein each shipping bin is associated 1 139. (Canceled) 2 with a range of weights. The system of claim 139 wherein the visual indictors are used to 1 140. (Canceled) 2 sort the packaged image prints by weight and method of shipping. 1 141. (Canceled) The system of claim 137 wherein each shipping bin is associated 2 with one or more ZIP codes. 1 142. (Canceled) The system of claim 141 wherein the visual indictors are used to 2 sort the packaged image prints by ZIP code and method of shipping. 1 143. (Canceled) The system of claim 136 wherein the visual indicators comprise a 2 plurality of lights. 1 144. (Canceled) The system of claim 136 further comprising a display monitor, and 2 wherein the visual indictors are displayed on the display monitor. 1 145. (Canceled) The system of claim 136 further comprising a storage rack for 2 storing image prints for subsequent combination with other image prints.

- 1 146. (Canceled) The system of claim 145 wherein the storage rack further includes 2 plurality of cubby-holes, each cubby-hole having an associated visual indicator.
- 1 147. (Canceled) The system of claim 146 wherein the visual indicators are used to 2 indicate in which cubby-hole a given image print is to be stored for subsequent combination with 3 other image prints.
- 1 148. (Canceled) The system of claim 147 wherein the visual indicators are used to 2 indicate from which cubby-hole a given image print is to be removed for combination with other 3 image prints.